

1. A method to determine whether a substance is an inhibitor or a ligand of a protein, comprising:

a) a protein, which contains at least one catalytic domain and at least one binding domain,

c) at least one substrate, which can bind to the catalytic domain and to the binding domain,

determining whether the marker substrate is converted by the protein.

3. The method as claimed in claim 1, wherein the protein used is collagenase, the substrate used is collagen, and the marker substrate used is (7-methoxycoumarin-4-yl)acetyl-Pro-Leu-Gly-Leu-(3-[2,4-dinitrophenyl]-L-2,3-diaminopropionyl)-Ala-Arg-NH₂.

4. A test kit for carrying out the method as claimed in either one of claims 1-3, comprising:

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